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# Morbidity and Mortality Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

*Prepared by the* COMMUNICABLE DISEASE CENTER MElrose 4-5131

For release November 30, 1962 ATLANTA 22, GEORGIA Vol. 11, No. 47


## PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED NOVEMBER 24, 1962

**POLIOMYELITIS** – The week ending November 24, 1962, brought reports of 19 cases of poliomyelitis (14 paralytic), totals almost identical to those noted the preceding week and similar to the 20 cases (10 paralytic) noted for the comparable week in 1961.

Twelve States reported cases this week, most cases representing delayed reports. Oklahoma and West Virginia each accounted for 3 cases. The cases from West Virginia represent delayed reporting of cases from the Type 1 outbreak in Boomer (pop. 2,091) and nearby Carbondale where a total of 10 cases of paralytic poliomyelitis has been noted among the Negro children in these communities. The cases from Oklahoma represent delayed reporting, with the last case having onset during the first week in November. No new case concentrations have been noted in the remaining States.

Reports of virologic studies have been received on 238 of the cases of paralytic poliomyelitis reported to the Poliomyelitis Surveillance Unit with onsets this year. These cases have yielded 204 poliovirus isolates, 155 Type I, 46 Type III, and 3 Type II. Of the Type I isolates, 69 have been reported from Texas, scene of several Type 1 outbreaks this summer.

The cumulative number of cases this year remains

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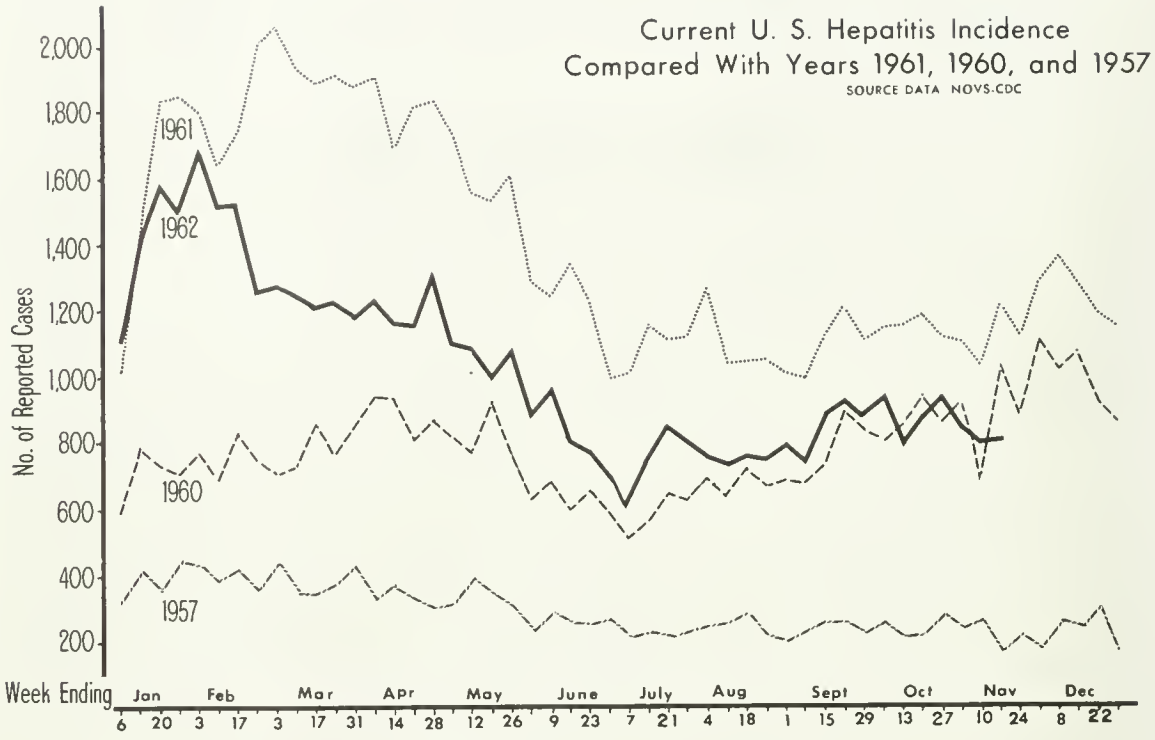
Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous week)

| Disease | 47th Week | | | Cumulative First 47 weeks | | |
|---|---|---|---|---|---|---|
| | Ended November 24, 1962 | Ended November 25, 1961 | Median 1957 - 1961 | 1962 | 1961 | Median 1957 - 1961 |
| Aseptic meningitis | 39 | 34 | --- | 2,347 | 2,975 | --- |
| Brucellosis | 1 | 15 | 9 | 353 | 535 | 682 |
| Diphtheria | 14 | 8 | 28 | 413 | 514 | 758 |
| Encephalitis, infectious | 24 | 22 | 21 | 1,585 | 1,515 | 1,674 |
| Hepatitis, infectious and serum | 781 | 1,139 | 456 | 48,818 | 66,281 | 20,266 |
| Measles | 2,460 | 2,183 | 2,320 | 458,216 | 401,998 | 409,863 |
| Meningococcal infections | 30 | 43 | 43 | 1,909 | 1,936 | 2,058 |
| Poliomyelitis, total | 19 | 20 | 59 | 811 | 1,262 | 5,579 |
| Paralytic | 14 | 10 | 43 | 643 | 822 | 2,804 |
| Nonparalytic | 2 | 6 | 10 | 116 | 302 | 1,934 |
| Unspecified | 3 | 4 | 6 | 52 | 138 | 841 |
| Streptococcal sore throat and Scarlet fever | 5,372 | 4,855 | --- | 280,325 | 284,458 | --- |
| Tetanus | 4 | --- | --- | 260 | --- | --- |
| Tularemia | 6 | --- | --- | 261 | --- | --- |
| Typhoid fever | 6 | 11 | 12 | 569 | 755 | 785 |
| Typhus fever, tick-borne, (Rocky Mountain spotted) | - | --- | --- | 214 | --- | --- |
| Rabies in Animals | 28 | 69 | 65 | 3,309 | 3,118 | 3,514 |

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax:
Botulism:
Malaria: Minn. - 1
Plague:
Psittacosis: Ill. - 1, Ohio - 1, Calif. - 1
Rabies in Man:
Smallpox:
Typhus, murine: Puerto Rico - 2




well below that for any previous years. Poliomyelitis incidence through the 47th week in 1962 and the preceding four years is shown below:

**Poliomyelitis (1st through 47th Week) 1958-1962**

| | 1962 | 1961 | 1960 | 1959 | 1958 |
|---|---|---|---|---|---|
| Paralytic | 643 | 822 | 2137 | 5387 | 2879 |
| Total | 811 | 1262 | 3065 | 8134 | 5655 |

**HEPATITIS** – The cases of hepatitis for the first ten months of 1962 are approximately 25% below the level of 1961. The accompanying graph shows the consistently lower level during 1962.

Nine States and the District of Columbia have experienced an increase in cases during 1962. Increases have been seen in the New England States of Maine, New Hampshire, and Massachusetts; in the Western States of Idaho, Oregon, and Washington; and also in Wisconsin, North Dakota, and Louisiana. The percent increases through October have ranged from 13% to 57% in these areas except for Maine where a five-fold increase has been seen.

### An Analysis of Maine Hepatitis

The table (at right) shows the number of cases by county during each month from January through October 1962. From February through September 1962, the monthly variation in total cases was minimal and failed to show the usual seasonal decline. More detailed analysis reveals that Androscoggin County in particular experienced an unusual upswing in hepatitis in the spring and summer at a time when some other counties showed the expected seasonal decrease.

The cases in the Lewiston-Auburn area in Androscoggin County occurred predominantly in school-age children in the poorer socio-economic area. This age selection and the prolonged duration of the outbreak indicate person-to-person transmission. There has been no evidence to suggest common source outbreaks.

The table indicates that a number of separate local outbreaks have occurred throughout Maine during the year.

MAINE HEPATITIS BY COUNTY AND MONTH, 1962

| COUNTY | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Androscoggin | 6 | 7 | 8 | 19 | 22 | 16 | 17 | 16 | 30 | 40 | 181 |
| Aroostock | 1 | 1 | 3 | 3 | – | 3 | 1 | 2 | 8 | – | 22 |
| Cumberland | 12 | – | 10 | 4 | 2 | 8 | 3 | 6 | 15 | 47 | 107 |
| Franklin | 17 | 2 | 3 | 4 | 4 | 4 | 5 | 10 | 6 | 7 | 62 |
| Hancock | 13 | 1 | 3 | 3 | 1 | 1 | 2 | – | – | 1 | 25 |
| Kennebec | 2 | 1 | 2 | 2 | 2 | 4 | 4 | 2 | 2 | 6 | 27 |
| Knox | 18 | 12 | 8 | 5 | 11 | 12 | 1 | 3 | 1 | 2 | 73 |
| Lincoln | – | 1 | – | 2 | – | – | – | 3 | – | – | 6 |
| Oxford | 17 | 7 | 6 | 3 | 4 | 2 | 3 | 3 | 8 | 21 | 74 |
| Penobscot | 7 | 2 | 2 | 1 | 3 | 2 | 1 | 4 | 4 | 11 | 37 |
| Piscataquis | – | – | – | – | – | – | – | – | 2 | – | 2 |
| Sagahoc | – | – | – | 1 | – | – | 1 | – | – | – | 2 |
| Somerset | 15 | 17 | 4 | 17 | 15 | 17 | 7 | 12 | 7 | 4 | 115 |
| Waldo | 1 | – | 6 | 12 | 9 | 7 | 7 | 6 | 3 | 5 | 56 |
| Washington | – | 1 | 2 | 1 | – | 1 | 2 | 1 | – | 5 | 13 |
| York | 3 | 2 | 1 | 3 | – | – | – | 4 | 1 | 4 | 18 |
| TOTAL | 112 | 54 | 58 | 80 | 73 | 77 | 54 | 72 | 87 | 153 | 820 |

The table below presents the annual total of reported hepatitis cases in Maine since 1952:

| YEAR | TOTAL CASES | PERCENT 20 YEARS AND OLDER |
|---|---|---|
| 1952 | 306 | – |
| 1953 | 725 | – |
| 1954 | 785 | – |
| 1955 | 399 | – |
| 1956 | 308 | 53.0 |
| 1957 | 240 | 45.7 |
| 1958 | 87 | 60.9 |
| 1959 | 96 | 54.1 |
| 1960 | 89 | 57.7 |
| 1961 | 215 | 47.4 |
| 1962* | 820* | 40.2* |

* Preliminary figures for the first 10 months only.

Since 1956, there have been four years in which there were 200 or more cases. The percent of adults during these 4 years ranged from 40.2 to 53.0%, with an average of 46.6%. During 1962, in which the largest number of cases occurred, the percentage of adult cases was lowest. In the 3 "non-epidemic" years of 1958, 1959, and 1960, when there were fewer than 100 cases annually, adult cases represented from 54.1 to 60.9% of total cases, with an average of 57.6%. It has been noted elsewhere in the country that a decrease in the proportion of adults is commonly seen as the total number of hepatitis cases rises.

*(Reported by Dr. Dean Fisher, Commissioner Department of Health and Welfare and Mrs. Margaret H. Oakes, Assistant to the Director, Division of Communicable Disease Control, State of Maine.)*

## EPIDEMIOLOGICAL REPORT

### Acute Respiratory Disease – Indiana

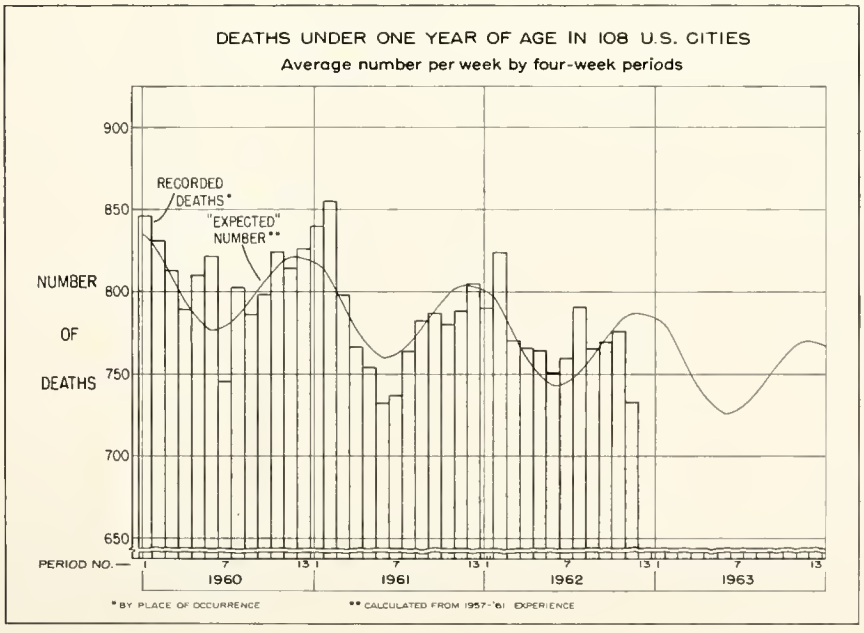
A notable respiratory disease outbreak recently occurred at DePauw University in Greencastle, Indiana. The outbreak which began on Friday, November 7, rose to a peak by November 12 and 13 and subsided by November 17. During this time, some 200 students reported to the infirmary. The illnesses were characterized by acute onsets of malaise, fever, sore throat, and myalgia. There

*(Continued on page 376)*

## INFANT DEATHS IN 108 CITIES

The weekly average number of infant deaths in 108 cities for the four-week period ending November 24 was 733 as compared with an expected 787 weekly average.

| | WEEK ENDING | | | | 4 Week Total | Weekly Average |
|---|---|---|---|---|---|---|
| | 11/3 | 11/10 | 11/17 | 11/24 | | |
| Observed | 759 | 762 | 731 | 680 | 2,932 | 733 |
| Expected | 786 | 787 | 787 | 787 | 3,147 | 787 |
| Excess | -27 | -25 | -56 | -107 | -215 | -54 |




*(See Table, page 375)*

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES UNITED STATES
FOR WEEKS ENDED
NOVEMBER 25, 1961 AND NOVEMBER 24, 1962

| Area | Poliomyelitis, Total Cases | | | | Poliomyelitis, Paralytic | | | | Poliomyelitis, Nonparalytic | | Aseptic Meningitis | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 47th week | | Cumulative First 47 weeks | | 47th week | | Cumulative First 47 weeks | | 47th week | | 47th week | |
| | 1962 | 1961 | 1962 | 1961 | 1962 | 1961 | 1962 | 1961 | 1962 | 1961 | 1962 | 1961 |
| UNITED STATES | 19 | 20 | 811 | 1,262 | 14 | 10 | 643 | 822 | 2 | 6 | 39 | 34 |
| NEW ENGLAND | - | 1 | 8 | 41 | - | - | 7 | 28 | - | - | 3 | 1 |
| Maine | - | - | - | 5 | - | - | - | 5 | - | - | 1 | - |
| New Hampshire | - | - | - | 2 | - | - | - | - | - | - | - | - |
| Vermont | - | - | 1 | 12 | - | - | - | 10 | - | - | - | - |
| Massachusetts | - | 1 | 6 | 16 | - | - | 6 | 9 | - | - | 1 | - |
| Rhode Island | - | - | - | 1 | - | - | - | 1 | - | - | 1 | 1 |
| Connecticut | - | - | 1 | 5 | - | - | 1 | 3 | - | - | - | - |
| MIDDLE ATLANTIC | 1 | 4 | 76 | 327 | 1 | 2 | 55 | 215 | - | 1 | 4 | 3 |
| New York | 1 | 2 | 56 | 244 | 1 | - | 38 | 155 | - | 1 | 4 | 1 |
| New Jersey | - | - | 7 | 35 | - | - | 7 | 28 | - | - | - | - |
| Pennsylvania | - | 2 | 13 | 48 | - | 2 | 10 | 32 | - | - | - | 2 |
| EAST NORTH CENTRAL | 6 | 7 | 129 | 171 | 5 | 2 | 97 | 106 | 1 | 3 | 2 | 8 |
| Ohio | 1 | 1 | 20 | 47 | 1 | - | 18 | 21 | - | - | - | - |
| Indiana | - | 2 | 21 | 18 | - | 1 | 17 | 10 | - | 1 | - | 2 |
| Illinois | 2 | 1 | 58 | 35 | 1 | 1 | 41 | 18 | 1 | - | - | 3 |
| Michigan | 1 | 3 | 20 | 39 | 1 | - | 16 | 32 | - | 2 | 2 | 3 |
| Wisconsin | 2 | - | 10 | 32 | 2 | - | 5 | 25 | - | - | - | - |
| WEST NORTH CENTRAL | - | 1 | 37 | 73 | - | 1 | 26 | 33 | - | - | 2 | 3 |
| Minnesota | - | - | 7 | 6 | - | - | 7 | 6 | - | - | 2 | 3 |
| Iowa | - | 1 | 7 | 19 | - | 1 | 3 | 10 | - | - | - | - |
| Missouri | - | - | 10 | 24 | - | - | 5 | 7 | - | - | - | - |
| North Dakota | - | - | 4 | 4 | - | - | 2 | 1 | - | - | - | - |
| South Dakota | - | - | 1 | 3 | - | - | 1 | 1 | - | - | - | - |
| Nebraska | - | - | 8 | 8 | - | - | 8 | 4 | - | - | - | - |
| Kansas | - | - | - | 9 | - | - | - | 4 | - | - | - | - |
| SOUTH ATLANTIC | 4 | 2 | 72 | 218 | 4 | 2 | 64 | 161 | - | - | 1 | 2 |
| Delaware | - | - | - | 2 | - | - | - | 1 | - | - | 1 | - |
| Maryland | - | - | 2 | 41 | - | - | 1 | 31 | - | - | - | - |
| District of Columbia | - | - | 2 | 3 | - | - | 1 | 3 | - | - | - | - |
| Virginia | - | 1 | 9 | 14 | - | 1 | 9 | 14 | - | - | - | 1 |
| West Virginia | 3 | - | 15 | 32 | 3 | - | 15 | 22 | - | - | - | - |
| North Carolina | - | - | 13 | 21 | - | - | 11 | 11 | - | - | - | - |
| South Carolina | - | - | 6 | 35 | - | - | 6 | 27 | - | - | - | - |
| Georgia | 1 | - | 17 | 30 | 1 | - | 14 | 23 | - | - | - | - |
| Florida | - | 1 | 8 | 40 | - | 1 | 7 | 29 | - | - | - | 1 |
| EAST SOUTH CENTRAL | 3 | - | 73 | 91 | 2 | - | 60 | 51 | 1 | - | 12 | 3 |
| Kentucky | - | - | 29 | 27 | - | - | 23 | 5 | - | - | 9 | - |
| Tennessee | 1 | - | 11 | 26 | - | - | 5 | 10 | 1 | - | 1 | 1 |
| Alabama | - | - | 22 | 11 | - | - | 22 | 11 | - | - | - | 1 |
| Mississippi | 2 | - | 11 | 27 | 2 | - | 10 | 25 | - | - | 2 | 1 |
| WEST SOUTH CENTRAL | 4 | 1 | 313 | 151 | 1 | 1 | 240 | 84 | - | - | 3 | - |
| Arkansas | - | 1 | 22 | 21 | - | 1 | 19 | 10 | - | - | - | - |
| Louisiana | - | - | 25 | 54 | - | - | 22 | 43 | - | - | - | - |
| Oklahoma | 3 | - | 26 | 4 | - | - | 18 | - | - | - | - | - |
| Texas | 1 | - | 240 | 72 | 1 | - | 181 | 31 | - | - | 3 | - |
| MOUNTAIN | - | - | 18 | 45 | - | - | 14 | 26 | - | - | 1 | 1 |
| Montana | - | - | 4 | 4 | - | - | 3 | 2 | - | - | - | - |
| Idaho | - | - | 2 | 14 | - | - | 1 | 6 | - | - | - | - |
| Wyoming | - | - | 2 | - | - | - | 1 | - | - | - | - | - |
| Colorado | - | - | 3 | 8 | - | - | 2 | 8 | - | - | 1 | - |
| New Mexico | - | - | 2 | 3 | - | - | 2 | - | - | - | - | - |
| Arizona | - | - | 4 | 8 | - | - | 4 | 6 | - | - | - | 1 |
| Utah | - | - | 1 | 8 | - | - | 1 | 4 | - | - | - | - |
| Nevada | - | - | - | - | - | - | - | - | - | - | - | - |
| PACIFIC | 1 | 4 | 85 | 145 | 1 | 2 | 80 | 118 | - | 2 | 11 | 13 |
| Washington | - | 4 | 5 | 30 | - | 2 | 5 | 28 | - | 2 | 1 | - |
| Oregon | - | - | 6 | 17 | - | - | 5 | 8 | - | - | - | - |
| California | 1 | - | 74 | 93 | 1 | - | 70 | 77 | - | - | 10 | 13 |
| Alaska | - | - | - | - | - | - | - | - | - | - | - | - |
| Hawaii | - | - | - | 5 | - | - | - | 5 | - | - | - | - |
| Puerto Rico | - | - | 11 | 7 | - | - | 11 | 7 | - | - | - | - |

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
NOVEMBER 25, 1961 AND NOVEMBER 24, 1962 - (Continued)

| Area | Brucellosis | | Diphtheria | | Encephalitis, Infectious | | Hepatitis, Infectious and Serum | | | | Measles | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 47th week | | | | | |
| | 47th week | Cumulative 47 weeks | 47th week | Cumulative 47weeks | 47th week | | Under 20 yr. | 20 & over | Total | Total | 47th week | |
| | 1962 | 1962 | 1962 | 1962 | 1962 | 1961 | 1962 | 1962 | 1962 | 1961 | 1962 | 1961 |
| UNITED STATES | 1 | 353 | 14 | 413 | 24 | 22 | 403 | 326 | 781 | 1,139 | 2,460 | 2,183 |
| NEW ENGLAND | - | 4 | - | 3 | - | 1 | 51 | 34 | 87 | 51 | 161 | 372 |
| Maine | - | - | - | - | - | - | 27 | 9 | 36 | 7 | 17 | 89 |
| New Hampshire | - | - | - | - | - | - | 2 | - | 3 | 4 | 2 | 61 |
| Vermont | - | 1 | - | - | - | - | 1 | 1 | 2 | 1 | 16 | 4 |
| Massachusetts | - | 1 | - | 1 | - | - | 19 | 13 | 32 | 27 | 42 | 198 |
| Rhode Island | - | - | - | 1 | - | - | 1 | 3 | 5 | 4 | - | 3 |
| Connecticut | - | 2 | - | 1 | - | 1 | 1 | 8 | 9 | 8 | 84 | 17 |
| MIDDLE ATLANTIC | - | 9 | 4 | 19 | 7 | 2 | 72 | 82 | 154 | 143 | 181 | 261 |
| New York | - | 4 | 4 | 17 | 7 | 2 | 44 | 53 | 97 | 70 | 74 | 144 |
| New Jersey | - | 1 | - | 1 | - | - | 7 | 9 | 16 | 42 | 36 | 75 |
| Pennsylvania | - | 4 | - | 1 | - | - | 21 | 20 | 41 | 31 | 71 | 42 |
| EAST NORTH CENTRAL | - | 80 | - | 11 | - | 3 | 55 | 63 | 127 | 250 | 944 | 331 |
| Ohio | - | 1 | - | - | - | - | 23 | 23 | 50 | 96 | 68 | 28 |
| Indiana | - | 6 | - | 5 | - | - | 9 | 4 | 15 | 27 | 35 | 21 |
| Illinois | - | 56 | - | 2 | - | 2 | 5 | 20 | 25 | 29 | 22 | 151 |
| Michigan | - | 6 | - | 3 | - | 1 | 16 | 16 | 32 | 87 | 182 | 68 |
| Wisconsin | - | 11 | - | 1 | - | - | 2 | - | 5 | 11 | 637 | 63 |
| WEST NORTH CENTRAL | - | 137 | 1 | 88 | - | 2 | 9 | 3 | 18 | 122 | 125 | 132 |
| Minnesota | - | 13 | 1 | 25 | - | - | 1 | - | 2 | 57 | 8 | 19 |
| Iowa | - | 80 | - | 15 | - | - | 1 | - | 3 | 23 | 60 | 34 |
| Missouri | - | 4 | - | 5 | - | - | 5 | 1 | 6 | 18 | 3 | 1 |
| North Dakota | - | 2 | - | 8 | - | - | - | - | - | 7 | 54 | 48 |
| South Dakota | - | 11 | - | 15 | - | - | 2 | 1 | 3 | 3 | - | 30 |
| Nebraska | - | 13 | - | 18 | - | - | - | 1 | 3 | 6 | - | - |
| Kansas | - | 14 | - | 2 | - | 2 | - | - | 1 | 8 | NN | NN |
| SOUTH ATLANTIC | - | 27 | 4 | 120 | 2 | 5 | 34 | 37 | 74 | 195 | 123 | 159 |
| Delaware | - | - | - | - | - | - | - | 1 | 1 | 4 | 2 | 3 |
| Maryland | - | 1 | - | - | - | - | 1 | 5 | 6 | 15 | 6 | 26 |
| District of Columbia | - | - | - | 2 | - | - | 2 | 1 | 3 | 5 | 4 | 3 |
| Virginia | - | 13 | - | 13 | - | - | 2 | 6 | 9 | 24 | 11 | 39 |
| West Virginia | - | - | - | 2 | - | - | 6 | 3 | 10 | 24 | 89 | 42 |
| North Carolina | - | 2 | - | 11 | 1 | 1 | 11 | 8 | 19 | 73 | 11 | 25 |
| South Carolina | - | - | - | 10 | 1 | - | 2 | 1 | 3 | 29 | - | - |
| Georgia | - | 3 | 1 | 40 | - | - | - | 1 | 1 | 1 | - | 3 |
| Florida | - | 8 | 3 | 42 | - | 4 | 10 | 11 | 22 | 20 | - | 18 |
| EAST SOUTH CENTRAL | - | 16 | 2 | 31 | 2 | 2 | 48 | 12 | 60 | 129 | 145 | 183 |
| Kentucky | - | 1 | - | - | 1 | - | 19 | 7 | 26 | 34 | 28 | 35 |
| Tennessee | - | 7 | - | 7 | 1 | - | 18 | 5 | 23 | 60 | 116 | 134 |
| Alabama | - | 6 | 1 | 16 | - | - | 8 | - | 8 | 23 | - | 12 |
| Mississippi | - | 2 | 1 | 8 | - | 2 | 3 | - | 3 | 12 | 1 | 2 |
| WEST SOUTH CENTRAL | - | 34 | 3 | 120 | 2 | 1 | 20 | 14 | 35 | 40 | 93 | 151 |
| Arkansas | - | 9 | - | 20 | - | 1 | 3 | 2 | 5 | 10 | 50 | 14 |
| Louisiana | - | 8 | 1 | 11 | - | - | - | 2 | 2 | 3 | - | 1 |
| Oklahoma | - | 6 | 2 | 8 | - | - | 1 | 3 | 4 | 2 | - | 12 |
| Texas | - | 11 | - | 81 | 2 | - | 16 | 7 | 24 | 25 | 43 | 124 |
| MOUNTAIN | - | 12 | - | 10 | 1 | 1 | 31 | 6 | 57 | 63 | 301 | 116 |
| Montana | - | 1 | - | 6 | - | - | 4 | - | 4 | 4 | 76 | - |
| Idaho | - | 1 | - | 1 | - | - | - | - | 7 | 18 | 30 | 5 |
| Wyoming | - | 1 | - | - | 1 | - | 8 | 2 | 11 | 2 | 1 | 35 |
| Colorado | - | 2 | - | - | - | - | 8 | - | 11 | 22 | 62 | 21 |
| New Mexico | - | - | - | 3 | - | - | 6 | 1 | 7 | 3 | NN | NN |
| Arizona | - | 3 | - | - | - | - | - | - | 9 | 4 | 11 | 26 |
| Utah | - | 4 | - | - | - | 1 | 5 | 3 | 8 | 4 | 121 | 29 |
| Nevada | - | - | - | - | - | - | - | - | - | 6 | - | - |
| PACIFIC | 1 | 34 | - | 11 | 10 | 5 | 83 | 75 | 169 | 146 | 387 | 478 |
| Washington | - | - | - | - | - | - | 10 | 11 | 21 | 16 | 108 | 213 |
| Oregon | - | 3 | - | - | - | - | 8 | - | 16 | 23 | 54 | 65 |
| California | - | 28 | - | 6 | 10 | 5 | 53 | 57 | 110 | 99 | 161 | 147 |
| Alaska | 1 | 2 | - | 5 | - | - | 12 | 4 | 19 | 7 | 14 | 49 |
| Hawaii | - | 1 | - | - | - | - | - | 3 | 3 | 1 | 50 | 4 |
| Puerto Rico | - | - | - | 35 | - | - | 7 | 1 | 8 | 7 | 35 | 30 |

Table 3 CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

NOVEMBER 25, 1961 AND NOVEMBER 24, 1962 - (Continued)

| Area | Meningococcal Infections | | Streptococcal Sore Throat & Scarlet Fever | | Tetanus | Tickborne Typhus (Rcky Mt. Spotted) | Tularemia | Typhoid Fever | | Rabies in Animals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 47th wk. | Cumulative 47 weeks | 47th week | | 47th wk. | 47th wk. | 47th wk. | 47th wk. | Cumulative 47 weeks | 47th week | | Cumulative 47 weeks |
| | 1962 | 1962 | 1962 | 1961 | 1962 | 1962 | 1962 | 1962 | 1962 | 1962 | 1961 | 1962 |
| UNITED STATES.... | 30 | 1,909 | 5,372 | 4,855 | 4 | - | 6 | 6 | 569 | 28 | 69 | 3,309 |
| NEW ENGLAND..... | - | 113 | 459 | 244 | - | - | - | - | 11 | - | - | 2 |
| Maine..... | - | 17 | 60 | 3 | - | - | - | - | 2 | - | - | 1 |
| New Hampshire..... | - | 4 | 11 | 2 | - | - | - | - | - | - | - | - |
| Vermont..... | - | 4 | 6 | 1 | - | - | - | - | - | - | - | - |
| Massachusetts..... | - | 44 | 60 | 63 | - | - | - | - | 8 | - | - | 1 |
| Rhode Island..... | - | 13 | 28 | 41 | - | - | - | - | 1 | - | - | - |
| Connecticut..... | - | 31 | 294 | 134 | - | - | - | - | - | - | - | - |
| MIDDLE ATLANTIC..... | 7 | 337 | 210 | 173 | - | - | 1 | 2 | 60 | 1 | 3 | 148 |
| New York..... | 4 | 150 | 151 | 107 | - | - | - | 1 | 31 | 1 | 3 | 96 |
| New Jersey..... | 1 | 82 | 32 | 37 | - | - | - | - | 12 | - | - | 1 |
| Pennsylvania..... | 2 | 105 | 27 | 29 | - | - | 1 | 1 | 17 | - | - | 51 |
| EAST NORTH CENTRAL.. | 3 | 371 | 498 | 498 | - | - | 2 | - | 92 | 3 | 8 | 715 |
| Ohio..... | 2 | 113 | 72 | 76 | - | - | - | - | 44 | - | 2 | 362 |
| Indiana..... | - | 30 | 71 | 98 | - | - | 2 | - | 13 | 1 | 3 | 184 |
| Illinois..... | - | 82 | 73 | 59 | - | - | - | - | 17 | 1 | 1 | 91 |
| Michigan..... | 1 | 124 | 148 | 148 | - | - | - | - | 12 | 1 | 2 | 42 |
| Wisconsin..... | - | 22 | 134 | 117 | - | - | - | - | 6 | - | - | 36 |
| WEST NORTH CENTRAL.. | - | 101 | 110 | 201 | - | - | - | - | 31 | 8 | 15 | 872 |
| Minnesota..... | - | 19 | 8 | 22 | - | - | - | - | - | 5 | 6 | 214 |
| Iowa..... | - | 13 | 39 | 36 | - | - | - | - | 2 | - | 2 | 332 |
| Missouri..... | - | 24 | - | 1 | - | - | - | - | 24 | 1 | 3 | 149 |
| North Dakota..... | - | 8 | 58 | 52 | - | - | - | - | 2 | - | - | 49 |
| South Dakota..... | - | 6 | 3 | - | - | - | - | - | 1 | 2 | 2 | 100 |
| Nebraska..... | - | 17 | 1 | - | - | - | - | - | 2 | - | 2 | 21 |
| Kansas..... | - | 14 | 1 | 90 | - | - | - | - | - | - | - | 7 |
| SOUTH ATLANTIC..... | 4 | 290 | 325 | 230 | - | - | 2 | 1 | 101 | 4 | 5 | 346 |
| Delaware..... | - | 35 | 4 | 2 | - | - | - | - | 2 | - | - | - |
| Maryland..... | - | 23 | 16 | 8 | - | - | - | - | 3 | - | - | 11 |
| Dist. of Columbia.. | - | 7 | - | 1 | - | - | - | 1 | 9 | - | - | - |
| Virginia..... | 3 | 66 | 132 | 75 | - | - | - | - | 18 | 4 | 4 | 134 |
| West Virginia..... | - | 16 | 120 | 56 | - | - | 1 | - | 5 | - | 1 | 130 |
| North Carolina..... | - | 66 | 30 | 22 | - | - | 1 | - | 6 | - | - | - |
| South Carolina..... | 1 | 19 | 23 | 17 | - | - | - | - | 9 | - | - | - |
| Georgia..... | - | 11 | - | 3 | - | - | - | - | 24 | - | - | 9 |
| Florida..... | - | 47 | - | 46 | - | - | - | - | 25 | - | - | 62 |
| EAST SOUTH CENTRAL.. | 5 | 124 | 755 | 817 | 1 | - | - | 1 | 56 | 2 | 6 | 338 |
| Kentucky..... | 4 | 38 | 80 | 56 | - | - | - | 1 | 11 | 2 | 3 | 120 |
| Tennessee..... | 1 | 48 | 645 | 724 | - | - | - | - | 26 | - | 3 | 195 |
| Alabama..... | - | 21 | 22 | 10 | 1 | - | - | - | 12 | - | - | 23 |
| Mississippi..... | - | 17 | 8 | 27 | - | - | - | - | 7 | - | - | - |
| WEST SOUTH CENTRAL.. | 4 | 158 | 522 | 560 | 3 | - | - | 1 | 122 | 6 | 24 | 579 |
| Arkansas..... | 1 | 17 | 1 | 7 | - | - | - | - | 31 | 1 | 12 | 67 |
| Louisiana..... | 2 | 68 | 2 | 3 | 1 | - | - | 1 | 32 | - | 1 | 20 |
| Oklahoma..... | - | 8 | 3 | 7 | - | - | - | - | 6 | - | - | 28 |
| Texas..... | 1 | 65 | 516 | 543 | 2 | - | - | - | 53 | 5 | 11 | 464 |
| MOUNTAIN..... | - | 61 | 1,422 | 1,081 | - | - | 1 | - | 43 | 1 | 2 | 37 |
| Montana..... | - | 5 | 59 | 61 | - | - | - | - | 10 | - | - | - |
| Idaho..... | - | 3 | 153 | 83 | - | - | - | - | 1 | - | - | - |
| Wyoming..... | - | 5 | 192 | 54 | - | - | - | - | 3 | - | - | - |
| Colorado..... | - | 9 | 552 | 261 | - | - | - | - | 8 | - | - | 4 |
| New Mexico..... | - | 6 | 207 | 273 | - | - | - | - | 12 | - | 2 | 13 |
| Arizona..... | - | 15 | 110 | 201 | - | - | - | - | 8 | 1 | - | 20 |
| Utah..... | - | 9 | 149 | 146 | - | - | 1 | - | 1 | - | - | - |
| Nevada..... | - | 9 | - | 2 | - | - | - | - | - | - | - | - |
| PACIFIC..... | 7 | 354 | 1,071 | 1,051 | - | - | - | 1 | 53 | 3 | 6 | 272 |
| Washington..... | 1 | 24 | 310 | 318 | - | - | - | - | 1 | - | - | - |
| Oregon..... | - | 21 | 10 | 38 | - | - | - | - | 1 | - | - | 17 |
| California..... | 6 | 294 | 710 | 596 | - | - | - | 1 | 50 | 3 | 6 | 255 |
| Alaska..... | - | 8 | 38 | 14 | - | - | - | - | - | - | - | - |
| Hawaii..... | - | 7 | 3 | 85 | - | - | - | - | 1 | - | - | - |
| Puerto Rico..... | - | 9 | - | 6 | - | - | - | - | 16 | - | - | 20 |

Table 4 (C). TOTAL DEATHS UNDER 1 YEAR OF AGE IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)°

| Area | For weeks ending | | | |
|---|---|---|---|---|
| | 11/3 | 11/10 | 11/17 | 11/24 |
| NEW ENGLAND: | | | | |
| Boston, Mass. | 17 | 19 | 18 | 15 |
| Bridgeport, Conn. | 4 | 2 | 4 | 4 |
| Cambridge, Mass. | 1 | 2 | 2 | 2 |
| Fall River, Mass. | 0 | 1 | 2 | 0 |
| Hartford, Conn. | 0 | 5 | 5 | 6 |
| Lowell, Mass. | 1 | 1 | 2 | 0 |
| Lynn, Mass. | 0 | 0 | 0 | 0 |
| New Bedford, Mass. | 1 | 1 | 1 | 0 |
| New Haven, Conn. | 2 | 2 | 3 | 3 |
| Providence, R.I. | 7 | 4 | 2 | 3 |
| Somerville, Mass. | 0 | 0 | 0 | 0 |
| Springfield, Mass. | 1 | 2 | 5 | 1 |
| Waterbury, Conn. | 2 | 2 | 2 | 2 |
| Worcester, Mass. | 3 | 2 | 4 | 3 |
| MIDDLE ATLANTIC: | | | | |
| Albany, N.Y. | 5 | 2 | 3 | 2 |
| Allentown, Pa. | 2 | 2 | 1 | 3 |
| Buffalo, N.Y. | 8 | 6 | 10 | 7 |
| Camden, N.J. | 2 | 5 | 3 | 6 |
| Elizabeth, N.J. | 2 | 0 | 5 | 2 |
| Erie, Pa. | 6 | 3 | 3 | 3 |
| Jersey City, N.J. | 5 | 3 | 4 | 6 |
| Newark, N.J. | 20 | 4 | 5 | 1 |
| New York City, N.Y. | 61 | 90 | 84 | 88 |
| Paterson, N.J. | 1 | 6 | 4 | 1 |
| Philadelphia, Pa. | 32 | 24 | 24 | 13 |
| Pittsburgh, Pa. | 16 | 12 | 8 | 9 |
| Reading, Pa. | 1 | 1 | 0 | 0 |
| Rochester, N.Y. | 4 | 6 | 6 | 7 |
| Schenectady, N.Y. | 1 | 1 | 0 | 0 |
| Scranton, Pa. | 1 | 0 | 1 | 1 |
| Syracuse, N.Y. | 7 | 4 | 8 | 3 |
| Trenton, N.J. | 2 | 2 | 6 | 1 |
| Utica, N.Y. | 3 | 0 | 2 | 1 |
| Yonkers, N.Y. | 1 | 1 | 0 | 2 |
| EAST NORTH CENTRAL: | | | | |
| Akron, Ohio | 4 | 4 | 4 | 2 |
| Canton, Ohio | 1 | 2 | 1 | 1 |
| Chicago, Ill. | 47 | 58 | 36 | 47 |
| Cincinnati, Ohio | 8 | 14 | 7 | 1 |
| Cleveland, Ohio | 14 | 18 | 10 | 11 |
| Columbus, Ohio | 17 | 11 | 9 | 10 |
| Dayton, Ohio | 4 | 7 | 5 | 5* |
| Detroit, Mich. | 20 | 21 | 28 | 14 |
| Evansville, Ind. | 3 | 3 | 1 | 1 |
| Flint, Mich. | 3 | 3 | 6 | 3 |
| Fort Wayne, Ind. | 5 | 2 | 4 | 3 |
| Gary, Ind. | 2 | 3 | 2 | 1 |
| Grand Rapids, Mich. | 1 | 1 | 6 | 1 |
| Indianapolis, Ind. | 10 | 17 | 9 | 16 |
| Madison, Wis. | 1 | 1 | 3 | 4 |
| Milwaukee, Wis. | 6 | 6 | 7 | 11 |
| Peoria, Ill. | 2 | 1 | 7 | 2 |
| Rockford, Ill. | 1 | 2 | 2 | 2 |
| South Bend, Ind. | 6 | 4 | 2 | 2* |
| Toledo, Ohio. | 2 | 6 | 5 | 7 |
| Youngstown, Ohio. | 2 | 3 | 6 | 0 |
| WEST NORTH CENTRAL: | | | | |
| Des Moines, Iowa. | 1 | 3 | 1 | 4 |
| Duluth, Minn. | 1 | 1 | 1 | 2 |
| Kansas City, Kans. | 8 | 3 | 5 | 4 |
| Kansas City, Mo. | 7 | 3 | 7 | 7 |
| Lincoln, Nebr. | 5 | 2 | 1 | 0 |
| Minneapolis, Minn. | 9 | 4 | 13 | 9 |
| Omaha, Nebr. | 3 | 3 | 7 | 0 |
| St. Louis, Mo. | 19 | 19 | 23 | 19 |
| St. Paul, Minn. | 10 | 2 | 3 | 2 |
| Wichita, Kans. | 2 | 6 | 2 | 1 |
| SOUTH ATLANTIC: | | | | |
| Atlanta, Ga. | 11 | 9 | 10 | 5 |
| Baltimore, Md. | 12 | 8 | 27 | 14 |
| Charlotte, N.C. | 7 | 10 | 2 | 3 |
| Jacksonville, Fla. | 8 | 7 | 17 | 2 |
| Miami, Fla. | 2 | 6 | 7 | 1 |
| Norfolk, Va. | 10 | 4 | 8 | 3 |
| Richmond, Va. | 6 | 8 | 5 | 9 |
| Savannah, Ga. | 1 | 2 | 7 | 5 |
| St. Petersburg, Fla. | 5 | 1 | 1 | 4 |
| Tampa, Fla. | 3 | 5 | 12 | 7 |
| Washington, D.C. | 22 | 8 | 8 | 26 |
| Wilmington, Del. | 5 | 2 | 2 | 2 |
| EAST SOUTH CENTRAL: | | | | |
| Birmingham, Ala. | 8 | 9 | 4 | 7 |
| Chattanooga, Tenn. | 3 | 2 | 4 | 4 |
| Knoxville, Tenn. | 1 | 1 | 1 | 4 |
| Louisville, Ky. | 10 | 4 | 19 | 6 |
| Memphis, Tenn. | 5 | 6 | 6 | 6 |
| Mobile, Ala. | 4 | 8 | 2 | 5 |
| Montgomery, Ala. | 6 | 3 | 4 | 1 |
| Nashville, Tenn. | 4 | 3 | 6 | 8 |
| WEST SOUTH CENTRAL: | | | | |
| Austin, Tex. | 1 | 2 | 2 | 4 |
| Baton Rouge, La. | 1 | 5 | 3 | 0 |
| Corpus Christi, Tex. | 4 | 4 | 3 | 1 |
| Dallas, Tex. | 12 | 12 | 10 | 8 |
| El Paso, Tex. | 5 | 7 | 9 | 4 |
| Fort Worth, Tex. | 11 | 11 | 1 | 2 |
| Houston, Tex. | 21 | 14 | 9 | 19 |
| Little Rock, Ark. | 9 | 6 | 5 | 3 |
| New Orleans, La. | 18 | 20 | 14 | 14 |
| Oklahoma City, Okla. | 5 | 5 | 6 | 5 |
| San Antonio, Tex. | 10 | 4 | 4 | 10 |
| Shreveport, La. | 6 | 7 | 3 | 9 |
| Tulsa, Okla. | 5 | 6 | 3 | 1 |
| MOUNTAIN: | | | | |
| Albuquerque, N. Mex. | 5 | 9 | 5 | 8 |
| Colorado Springs, Colo. | 0 | 1 | 1 | 2 |
| Denver, Colo. | 11 | 10 | 7 | 6 |
| Ogden, Utah | 1 | 0 | 2 | 2 |
| Phoenix, Ariz. | 9 | 6 | 4 | 8 |
| Pueblo, Colo. | 0 | 1 | 3 | 3 |
| Salt Lake City, Utah | 3 | 9 | 4 | 4 |
| Tucson, Ariz. | 4 | 2 | 3 | 2 |
| PACIFIC: | | | | |
| Berkeley, Calif. | 0 | 2 | 0 | 0 |
| Fresno, Calif. | 4 | 5 | 2 | 2 |
| Glendale, Calif. | 1 | 2 | 0 | 1 |
| Honolulu, Hawaii | 6 | 9 | 13 | 2 |
| Long Beach, Calif. | 6 | 10 | 4 | 5 |
| Los Angeles, Calif. | 32 | 29 | 20 | 33 |
| Oakland, Calif. | 5 | 6 | 4 | 6 |
| Pasadena, Calif. | 1 | 1 | 1 | 1 |
| Portland, Oreg. | 4 | 5 | 4 | 6 |
| Sacramento, Calif. | 3 | 3 | 8 | 5 |
| San Diego, Calif. | 6 | 5 | 4 | 4 |
| San Francisco, Calif. | 5 | 15 | 6 | 7 |
| San Jose, Calif. | 3 | 4 | 4 | 2 |
| Seattle, Wash. | 5 | 9 | 8 | 8 |
| Spokane, Wash. | 2 | 3 | 4 | 2 |
| Tacoma, Wash. | 0 | 0 | 0 | 1 |
| San Juan, P.R. | 3 | 3 | 5 | 4 |

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

°Current Week Mortality for 108 Selected Cities

| | |
|---|---|
| 4(A) Total Mortality, all ages | 10,151 |
| 4(B) Pneumonia-Influenza Deaths, all ages | 350 |
| 4(C) Total Deaths under 1 Year of Age | 680 |
| 4(D) Total Deaths, Persons 65 years and over | 5,729 |

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was no cough or chest pain. Oral temperatures ranged between 101° and 104° F. The syndrome was severe enough to confine many to bed, but the total duration of illness did not exceed 3 to 4 days. The impression was that only college students were involved, as no faculty members reported illness. There were approximately equal numbers of cases among males and females.

DePauw University has a population of approximately 2400 students, most of whom reside on campus. It is located in Greencastle, Indiana, which has a population of some 8,000. It was the impression of the local health officer that the epidemic did not involve the town or surrounding county.

Both throat washings and acute and convalescent sera were collected during the epidemic and have been sent to CDC for laboratory documentation.

*(Reported by Dr. A. L. Marshall, Jr., Director, Division of Communicable Disease Control, State Board of Health, Indianapolis, Indiana.)*

## INTERNATIONAL NOTES – QUARANTINE MEASURES

No Report.

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
Communicable Disease Center
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